

WEST Search History

DATE: Monday, September 12, 2005

Hide?	<u>Set Name</u>	<u>Query</u>	<u>Hit Count</u>
		<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L71	L70 and ((magnetic adj resonance) or MRI or NMR)	1
<input type="checkbox"/>	L70	L59 and ((visual\$2 or graphic\$4 or image or graph) with (represent\$3 or representation or feedback\$3 or feed-back\$3 or "feed back\$3") with (puls\$3 or train or sequence) with ((real or actual\$2) with time))	23
<input type="checkbox"/>	L69	L60 and ((visual\$2 or graphic\$4 or image or graph) with (represent\$3 or representation or feedback\$3 or feed-back\$3 or "feed back\$3") with (puls\$3 or train or sequence) with ((real or actual\$2) with time))	1
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<input type="checkbox"/>	L61	L60 and ((magnetic adj resonance) or MRI or NMR)	76
<input type="checkbox"/>	L60	L59 and (puls\$3 with (train or sequence))	382
<input type="checkbox"/>	L59	L58 and ((visual\$2 or graphic\$4 or image or graph) with (represent\$3 or representation or feedback\$3 or feed-back\$3 or "feed back\$3"))	11136
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<input type="checkbox"/>	L55	L51 and (display\$4 or monitor\$4 or computer or processer or processor or gui	41043

	or crt or graphical\$4 or window\$3 or (cathode with ray with tube))	
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<input type="checkbox"/>	L51 L50 and (editor or editing or edit or tailor\$4 or custom or customiz\$3 or customization)	41475
<input type="checkbox"/>	L50 (menu)	104987
	<i>DB=PGPB,USPT,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ</i>	
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<input type="checkbox"/>	L45 L44 and (control\$5 or custom\$9 or interact\$6 or interfac\$4 or inter-fac\$4 or inter-act\$6 or user or operator or technician or console)	12
<input type="checkbox"/>	L44 L42 and (phase)	12
<input type="checkbox"/>	L43 L42 and (gradient)	1
<input type="checkbox"/>	L42 L41 and (radio-frequency or rf or "radio frequency")	12
<input type="checkbox"/>	L41 L40 and (keyboard or mouse or window\$4 or default or value or scan\$5 or disk or stor\$4)	12
<input type="checkbox"/>	L40 L39 and (analog or digital\$3 or ADC or dac or "analog-to-digital" or "digital-to-analog")	12
<input type="checkbox"/>	L39 L38 and (channel or receiv\$4 or transmit\$6 or detect\$5 or coil)	12
<input type="checkbox"/>	L38 L37 and (real or timing or deliver\$4)	12
<input type="checkbox"/>	L37 L36 and (scaler or scaling or scale or time or block or line or vertical\$3)	12
<input type="checkbox"/>	L36 L35 and (display\$4 with pulse with sequence)	12
<input type="checkbox"/>	L35 L15 and ((editor or editing or edit or tailor\$4) with menu)	17
<input type="checkbox"/>	L34 L12 and (display\$4 with pulse with sequence)	3
<input type="checkbox"/>	L33 L26 and (display\$4 with pulse with sequence)	13
<input type="checkbox"/>	L32 L29 and (display\$4 with pulse with sequence)	2
<input type="checkbox"/>	L31 L30 and (display\$4 with pulse with sequence)	2
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<input type="checkbox"/>	L25 L24 and (phase)	30

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<input type="checkbox"/>	L22	L21 and (gradient)	12
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<input type="checkbox"/>	L19	L18 and (oscillat\$5 or synthesiz\$4 or generat\$4 or produc\$6 or envelop\$4 or modulat\$5 or waveform\$6 or wave-form\$6 or shap\$5)	38
<input type="checkbox"/>	L18	L17 and (control\$5 or custom\$9 or interact\$6 or interfac\$4 or inter-fac\$4 or inter-act\$6 or user or operator or technician or console)	38
<input type="checkbox"/>	L17	L16 and ((editor or editing or edit or tailor\$4) with (pulse or choice or selection or menu or sequence or shape or waveform\$6 or wave-form\$6 or "wave form\$6" or envelop\$5 or signal or echo))	38
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<input type="checkbox"/>	L15	L14 and (menu)	214
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<input type="checkbox"/>	L12	L11 and (gradient)	23
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<input type="checkbox"/>	L3	L2 and (editor or editing or edit or tailor\$4)	1175
<input type="checkbox"/>	L2	L1 and (pulse with (sequence or sequencer or control\$4 or custom\$9))	10003
<input type="checkbox"/>	L1	((magnetic adj resonance) or MRI or NMR)	203395

END OF SEARCH HISTORY

Hit List

Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs
Generate OACS				

Search Results - Record(s) 1 through 7 of 7 returned.

☐ 1. Document ID: US 20050063575 A1

Using default format because multiple data bases are involved.

L62: Entry 1 of 7

File: PGPB

Mar 24, 2005

PGPUB-DOCUMENT-NUMBER: 20050063575

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050063575 A1

TITLE: SYSTEM AND METHOD FOR ENABLING A SOFTWARE DEVELOPER TO INTRODUCE INFORMATIONAL ATTRIBUTES FOR SELECTIVE INCLUSION WITHIN IMAGE HEADERS FOR MEDICAL IMAGING APPARATUS APPLICATIONS

PUBLICATION-DATE: March 24, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Ma, Qiang	Bayside	WI	US	
Haworth, Robert H.	Brookfield	WI	US	

US-CL-CURRENT: 382/128; 382/276

Full	Title	Citation	Front	Referred	Classification	Date	Reference	Sequences	Attachments	Claims	Drawings
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☐ 2. Document ID: US 20030032951 A1

L62: Entry 2 of 7

File: PGPB

Feb 13, 2003

PGPUB-DOCUMENT-NUMBER: 20030032951

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030032951 A1

TITLE: Method and system for menu-driven two-dimensional display lesion generator

PUBLICATION-DATE: February 13, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Rittman, William J. 'III	Lynnfield	MA	US	
Yin, Way	Bellingham	WA	US	
Cosman, Eric R. JR.	Belmont	MA	US	
Cosman, Eric R.	Belmont	MA	US	

US-CL-CURRENT: 606/34; 606/41

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	FIGS	Draw D
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☐ 3. Document ID: US 20030002631 A1

L62: Entry 3 of 7

File: PGPB

Jan 2, 2003

PGPUB-DOCUMENT-NUMBER: 20030002631

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030002631 A1

TITLE: K-space based graphic application development system for a medical imaging system

PUBLICATION-DATE: January 2, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Gaddipati, Ajeetkumar	Waukesha	WI	US	
Dirckx, Conrad J.	Milwaukee	WI	US	
Francis, Roshy James	Waukesha	WI	US	
Fernandez, Gabriel	Menomonee Falls	WI	US	
Radick, Mark T.	Muskego	WI	US	

US-CL-CURRENT: 378/210

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	FIGS	Draw D
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☐ 4. Document ID: US 6801037 B1

L62: Entry 4 of 7

File: USPT

Oct 5, 2004

US-PAT-NO: 6801037

DOCUMENT-IDENTIFIER: US 6801037 B1

TITLE: Dynamic real-time magnetic resonance imaging sequence designer

DATE-ISSUED: October 5, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Zhang; Guoping	Forest Hill	NY		

US-CL-CURRENT: 324/309; 324/318, 600/416

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	FIGS	Draw D
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☐ 5. Document ID: US 6741672 B2

L62: Entry 5 of 7

File: USPT

May 25, 2004

US-PAT-NO: 6741672

DOCUMENT-IDENTIFIER: US 6741672 B2

TITLE: K-space based graphic application development system for a medical imaging system

DATE-ISSUED: May 25, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Gaddipati; Ajeetkumar	Waukesha	WI		
Dirckx; Conrad J.	Milwaukee	WI		
Francis; Roshy James	Waukesha	WI		
Fernandez; Gabriel	Menomonee Falls	WI		
Radick; Mark T.	Muskego	WI		

US-CL-CURRENT: 378/4; 378/901, 382/131

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 6. Document ID: US 6484048 B1

L62: Entry 6 of 7

File: USPT

Nov 19, 2002

US-PAT-NO: 6484048

DOCUMENT-IDENTIFIER: US 6484048 B1

TITLE: Real-time interactive three-dimensional locating and displaying system

DATE-ISSUED: November 19, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hoshino; Tsutomu	Pacifica	CA		
Kuhara; Shigehide	Otawara			JP
Makita; Junichi	Tokyo			JP

US-CL-CURRENT: 600/410; 345/419, 382/128, 600/414, 600/424

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 7. Document ID: US 6451015 B1

L62: Entry 7 of 7

File: USPT

Sep 17, 2002

US-PAT-NO: 6451015

DOCUMENT-IDENTIFIER: US 6451015 B1

TITLE: Method and system for menu-driven two-dimensional display lesion generator

DATE-ISSUED: September 17, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Rittman, III; William J.	Lynnfield	MA		
Yin; Way	Bellingham	WA		
Cosman, Jr.; Eric R.	Belmont	MA		
Cosman; Eric R.	Belmont	MA		

US-CL-CURRENT: 606/34; 600/523, 606/41

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	FIGS	Draw D
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Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs	Generate OACS
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Term	Documents
EDITOR	44710
EDITORS	18533
EDITING	85662
EDITINGS	64
EDIT	63710
EDITS	17059
CUSTOM	116226
CUSTOMS	2553
CUSTOMIZATION	17256
CUSTOMISATION	2877
CUSTOMISATIONS	38
(L61 AND ((EDITOR OR EDITING OR EDIT OR TAILOR\$4 OR CUSTOM OR CUSTOMIZ\$3 OR CUSTOMIZATION) WITH (PULS\$3 OR TRAIN OR SEQUENCE)))).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	7

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Display Format:

[Previous Page](#)

[Next Page](#)

[Go to Doc#](#)

[First Hit](#)[Previous Doc](#)[Next Doc](#)[Go to Doc#](#)

Generate Collection

Print

L62: Entry 1 of 7

File: PGPB

Mar 24, 2005

PGPUB-DOCUMENT-NUMBER: 20050063575

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050063575 A1

TITLE: SYSTEM AND METHOD FOR ENABLING A SOFTWARE DEVELOPER TO INTRODUCE
INFORMATIONAL ATTRIBUTES FOR SELECTIVE INCLUSION WITHIN IMAGE HEADERS FOR MEDICAL
IMAGING APPARATUS APPLICATIONS

PUBLICATION-DATE: March 24, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Ma, Qiang	Bayside	WI	US	
Haworth, Robert H.	Brookfield	WI	US	

ASSIGNEE-INFORMATION:

NAME	CITY	STATE	COUNTRY	TYPE	CODE
GE MEDICAL SYSTEMS GLOBAL TECHNOLOGY, LLC	Waukesha	WI	US		02

APPL-NO: 10/ 605317 [PALM]

DATE FILED: September 22, 2003

INT-CL: [07] G06 K 9/00, G06 K 9/36

US-CL-PUBLISHED: 382/128; 382/276

US-CL-CURRENT: 382/128; 382/276

REPRESENTATIVE-FIGURES: 8

ABSTRACT:

A system and method for enabling a developer to introduce informational attributes suitable for selective inclusion within image headers is disclosed herein. The image headers, along with their selectively included informational attributes, are displayable on a monitor screen together with associated digital images produced by an imaging apparatus. The image headers are also selectively storable in a database together with the pixel data of the associated digital images. The system includes an interactive workstation computer system having memory-stored software applications for operating the imaging apparatus, a memory-stored updatable table of defined informational attributes suited for selective inclusion within image headers, an interactive computer for generating software files of image header definitions from the table of defined informational attributes, and a means to transport the software files of image header definitions to the interactive workstation computer system.

[Previous Doc](#)[Next Doc](#)[Go to Doc#](#)

[First Hit](#)[Previous Doc](#)[Next Doc](#)[Go to Doc#](#)

Generate Collection

Print

L62: Entry 3 of 7

File: PGPB

Jan 2, 2003

PGPUB-DOCUMENT-NUMBER: 20030002631

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030002631 A1

TITLE: K-space based graphic application development system for a medical imaging system

PUBLICATION-DATE: January 2, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Gaddipati, Ajeetkumar	Waukesha	WI	US	
Dirckx, Conrad J.	Milwaukee	WI	US	
Francis, Roshy James	Waukesha	WI	US	
Fernandez, Gabriel	Menomonee Falls	WI	US	
Radick, Mark T.	Muskego	WI	US	

APPL-NO: 10/ 150227 [PALM]

DATE FILED: May 17, 2002

RELATED-US-APPL-DATA:

Application 10/150227 is a continuation-in-part-of US application 09/839055, filed April 20, 2001, PENDING

Application 09/839055 is a continuation-in-part-of US application 09/721233, filed November 22, 2000, PENDING

INT-CL: [07] H05 G 1/00

US-CL-PUBLISHED: 378/210

US-CL-CURRENT: 378/210

REPRESENTATIVE-FIGURES: 1

ABSTRACT:

A sequence description defining the events for traversing k-space during a medical imaging scan is defined through a k-space graphical view, thereby providing an easy programming interface for MR physicists. From the k-space view, data elements can be generated by object-oriented sequence description components in the form of predefined sequences. The data elements generated by the predefined sequences are stored in a table, the lines in the table defining an ordered list of pulse segments associated with each trajectory in k-space, the table can also hold information on time ordering or sequencing of k-space trajectories, desired triggering for each k-space trajectory and similar data objects. The k-space description/configuration of sequences is then translated to a group of downloadable sequence components.

[First Hit](#) [Fwd Refs](#) [Previous Doc](#) [Next Doc](#) [Go to Doc#](#)



Generate Collection

Print

L62: Entry 5 of 7

File: USPT

May 25, 2004

US-PAT-NO: 6741672

DOCUMENT-IDENTIFIER: US 6741672 B2

TITLE: K-space based graphic application development system for a medical imaging system

DATE-ISSUED: May 25, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Gaddipati; Ajeetkumar	Waukesha	WI		
Dirckx; Conrad J.	Milwaukee	WI		
Francis; Roshy James	Waukesha	WI		
Fernandez; Gabriel	Menomonee Falls	WI		
Radick; Mark T.	Muskego	WI		

ASSIGNEE-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY	TYPE	CODE
GE Medical Systems Global Technology Company, LLC	Waukesha	WI			02	

APPL-NO: 10/ 150227 [\[PALM\]](#)

DATE FILED: May 17, 2002

PARENT-CASE:

CROSS-REFERENCE TO RELATED APPLICATIONS This application is a continuation-in-part of U.S. patent application Ser. No. 09/839,055 filed Apr. 20, 2001, which is a continuation-in-part of U.S. patent application Ser. No. 09/721,233 filed Nov. 22, 2000.

INT-CL: [07] [A61](#) [B](#) [6/03](#)

US-CL-ISSUED: 378/4; 378/901, 382/131

US-CL-CURRENT: [378/4](#); [378/901](#), [382/131](#)

FIELD-OF-SEARCH: 378/4, 378/8, 378/15, 378/901, 382/131

PRIOR-ART-DISCLOSED:

U.S. PATENT DOCUMENTS

Search Selected

Search ALL

Clear

PAT-NO

ISSUE-DATE

PATENTEE-NAME

US-CL

<input type="checkbox"/> <u>6348793</u>	February 2002	Balloni et al.	324/309
<input type="checkbox"/> <u>6636038</u>	October 2003	Heid	324/314
<input type="checkbox"/> <u>2002/0113590</u>	August 2002	Haworth et al.	324/309

ART-UNIT: 2882

PRIMARY-EXAMINER: Bruce; David V

ATTY-AGENT-FIRM: Quarles & Brady LLP

ABSTRACT:

A sequence description defining the events for traversing k-space during a medical imaging scan is defined through a k-space graphical view, thereby providing an easy programming interface for MR physicists. From the k-space view, data elements can be generated by object-oriented sequence description components in the form of predefined sequences. The data elements generated by the predefined sequences are stored in a table, the lines in the table defining an ordered list of pulse segments associated with each trajectory in k-space, the table can also hold information on time ordering or sequencing of k-space trajectories, desired triggering for each k-space trajectory and similar data objects. The k-space description/configuration of sequences is then translated to a group of downloadable sequence components.

20 Claims, 0 Drawing figures

[Previous Doc](#)

[Next Doc](#)

[Go to Doc#](#)

[First Hit](#) [Fwd Refs](#)[Previous Doc](#)[Next Doc](#)[Go to Doc#](#)

Generate Collection

Print

L62: Entry 6 of 7

File: USPT

Nov 19, 2002

US-PAT-NO: 6484048

DOCUMENT-IDENTIFIER: US 6484048 B1

TITLE: Real-time interactive three-dimensional locating and displaying system

DATE-ISSUED: November 19, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hoshino; Tsutomu	Pacifica	CA		
Kuhara; Shigehide	Otawara			JP
Makita; Junichi	Tokyo			JP

ASSIGNEE-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY	TYPE CODE
Kabushiki Kaisha Toshiba	Kanagawa-Ken			JP	03

APPL-NO: 09/ 422258 [PALM]

DATE FILED: October 21, 1999

FOREIGN-APPL-PRIORITY-DATA:

COUNTRY	APPL-NO	APPL-DATE
JP	300093	October 21, 1998

INT-CL: [07] A61 B 5/05

US-CL-ISSUED: 600/410; 600/414, 600/424, 382/128, 345/419

US-CL-CURRENT: 600/410; 345/419, 382/128, 600/414, 600/424

FIELD-OF-SEARCH: 600/407, 600/310, 600/410, 600/415, 600/414, 600/424, 600/425, 600/426, 600/431, 600/436, 600/437, 600/444, 600/450, 600/463, 600/508, 600/128, 382/285.1, 378/4, 378/6, 378/19, 378/20, 378/21, 378/44, 378/42, 345/419, 345/425

PRIOR-ART-DISCLOSED:

U.S. PATENT DOCUMENTS

Search Selected

Search ALL

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	PAT-NO	ISSUE-DATE	PATENTEE-NAME	US-CL
<input type="checkbox"/>	<u>4674046</u>	June 1987	Ozeki et al.	
<input type="checkbox"/>	<u>4830012</u>	May 1989	Rlederer	
<input type="checkbox"/>	<u>5512826</u>	April 1996	Hardy et al.	

<input type="checkbox"/>	5512827	April 1996	Hardy et al.	
<input type="checkbox"/>	5514962	May 1996	Cline et al.	
<input type="checkbox"/>	5584293	December 1996	Darrow et al.	
<input type="checkbox"/>	5719498	February 1998	Hausmann	
<input type="checkbox"/>	5871019	February 1999	Belohlavek	600/441
<input type="checkbox"/>	5889524	March 1999	Sheehan et al.	345/419
<input type="checkbox"/>	5898305	April 1999	Kokuburn et al.	
<input type="checkbox"/>	6108573	August 2000	Debbins et al.	
<input type="checkbox"/>	6215305	April 2001	Haselhoff et al.	

FOREIGN PATENT DOCUMENTS

FOREIGN-PAT-NO	PUBN-DATE	COUNTRY	US-CL
6-114033	April 1994	JP	

OTHER PUBLICATIONS

Hardy et al, "[Interactive Coronary MRI](#)", MRM 40: 105-111 (1998).
Kerr et al, "[Real-Time Interactive MRI on a Conventional Scanner](#)", MRM 38: 355-367 (1997).

ART-UNIT: 3737

PRIMARY-EXAMINER: Lateef; Marvin M.

ASSISTANT-EXAMINER: Lin; Jeoyuh

ATTY-AGENT-FIRM: Nixon & Vanderhye PC

ABSTRACT:

An easily recognized spatial relationship between an object and a section thereof is displayed (together with a real time image of the section) to permit quick, accurate, easy and accurate selection of a desired three-dimensional position for the section. The coordinate system of an imaging system may also be concurrently displayed. In addition to sequentially pasted real time section images, a reference image acquired at an arbitrary time may also be pasted on a portion of the display. Thus a reference image and a real-time image of the scanned section can be displayed to facilitate a better spatial understanding of the position of the section being scanned and imaged.

51 Claims, 24 Drawing figures

[Previous Doc](#)[Next Doc](#)[Go to Doc#](#)

[First Hit](#) [Fwd Refs](#) [Previous Doc](#) [Next Doc](#) [Go to Doc#](#)
End of Result Set



Generate Collection

Print

L62: Entry 7 of 7

File: USPT

Sep 17, 2002

US-PAT-NO: 6451015

DOCUMENT-IDENTIFIER: US 6451015 B1

TITLE: Method and system for menu-driven two-dimensional display lesion generator

DATE-ISSUED: September 17, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Rittman, III; William J.	Lynnfield	MA		
Yin; Way	Bellingham	WA		
Cosman, Jr.; Eric R.	Belmont	MA		
Cosman; Eric R.	Belmont	MA		

ASSIGNEE-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY	TYPE CODE
Sherwood Services AG	Schaffhausen			CH	03

APPL-NO: 09/ 195118 [\[PALM\]](#)

DATE FILED: November 18, 1998

INT-CL: [07] [A61](#) [B](#) [18/18](#)

US-CL-ISSUED: 606/34; 606/41, 600/523

US-CL-CURRENT: [606/34](#); [600/523](#), [606/41](#)

FIELD-OF-SEARCH: 128/920, 600/523, 600/525, 607/98, 607/99, 607/101, 607/102, 607/105, 606/32, 606/34, 606/37-42, 606/45, 606/49

PRIOR-ART-DISCLOSED:

U.S. PATENT DOCUMENTS

Search Selected

Search ALL

Clear

	PAT-NO	ISSUE-DATE	PATENTEE-NAME	US-CL
<input type="checkbox"/>	5233515	August 1993	Cosman	
<input type="checkbox"/>	5820568	October 1998	Willis	
<input type="checkbox"/>	5868737	February 1999	Taylor et al.	606/34
<input type="checkbox"/>	5871481	February 1999	Kannenberg et al.	606/34
<input type="checkbox"/>	6014581	January 2000	Whayne et al.	

<input type="checkbox"/> <u>6056745</u>	May 2000	Panescu et al.
<input type="checkbox"/> <u>6123702</u>	September 2000	Swanson et al.

ART-UNIT: 3739

PRIMARY-EXAMINER: Kearney; Rosiland S.

ABSTRACT:

A high frequency generator system with a computer graphic two-dimensional user-interactable interface is achieved to allow selection of menus associated with the function, state, and output parameters of the high frequency generator system. A two-dimensional graphics display is coupled directly or remotely to a high frequency power source system which is further connected to electrodes in contact or proximity to the tissue of a patient's body. A two-dimensional display allows the user to see, in a compact, convenient, and comprehensive way, selection menus for use of the high frequency generator system, control of its parameters, monitoring of its processes during clinical application, and graphics displays related to historic or current image scan data and real-time monitoring of output parameters related to the application. Pre-set or user-selectable arrays of parameters can be selected through the two-dimensional user interface to the high frequency generator system. Real-time plotting of single or multiple output parameters as a function of time course during the clinical application can be graphically displayed on the two-dimensional display. Digital displays, alphanumeric streams of information, help menus, prompts, and sequences of menus may be selected by the two-dimensional interface through actuators on the interface or on the panel of the high frequency generator system. Several forms of the interface, user actuators, screen layouts, and methods for use of this system accommodate the specific objectives.

6 Claims, 14 Drawing figures

[Previous Doc](#)[Next Doc](#)[Go to Doc#](#)

Hit List

Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs
Generate OACS				

Search Results - Record(s) 1 through 5 of 5 returned.

☐ 1. Document ID: US 20050063575 A1

Using default format because multiple data bases are involved.

L63: Entry 1 of 5

File: PGPB

Mar 24, 2005

PGPUB-DOCUMENT-NUMBER: 20050063575

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050063575 A1

TITLE: SYSTEM AND METHOD FOR ENABLING A SOFTWARE DEVELOPER TO INTRODUCE
INFORMATIONAL ATTRIBUTES FOR SELECTIVE INCLUSION WITHIN IMAGE HEADERS FOR MEDICAL
IMAGING APPARATUS APPLICATIONS

PUBLICATION-DATE: March 24, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Ma, Qiang	Bayside	WI	US	
Haworth, Robert H.	Brookfield	WI	US	

US-CL-CURRENT: 382/128; 382/276

Full	Title	Citation	Front	Region	Classification	Date	Reference	Sequences	Attachments	Claims	Draw	Draw
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☐ 2. Document ID: US 20030002631 A1

L63: Entry 2 of 5

File: PGPB

Jan 2, 2003

PGPUB-DOCUMENT-NUMBER: 20030002631

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030002631 A1

TITLE: K-space based graphic application development system for a medical imaging
system

PUBLICATION-DATE: January 2, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Gaddipati, Ajeetkumar	Waukesha	WI	US	
Dirckx, Conrad J.	Milwaukee	WI	US	
Francis, Roshy James	Waukesha	WI	US	

Fernandez, Gabriel Menomonee Falls WI US
Radick, Mark T. Muskego WI US

US-CL-CURRENT: 378/210

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequence	Attachments	Claims	PMC	Draw D
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☐ 3. Document ID: US 6801037 B1

L63: Entry 3 of 5

File: USPT

Oct 5, 2004

US-PAT-NO: 6801037

DOCUMENT-IDENTIFIER: US 6801037 B1

TITLE: Dynamic real-time magnetic resonance imaging sequence designer

DATE-ISSUED: October 5, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Zhang; Guoping	Forest Hill	NY		

US-CL-CURRENT: 324/309; 324/318, 600/416

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequence	Attachments	Claims	PMC	Draw D
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☐ 4. Document ID: US 6741672 B2

L63: Entry 4 of 5

File: USPT

May 25, 2004

US-PAT-NO: 6741672

DOCUMENT-IDENTIFIER: US 6741672 B2

TITLE: K-space based graphic application development system for a medical imaging system

DATE-ISSUED: May 25, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Gaddipati; Ajeetkumar	Waukesha	WI		
Dirckx; Conrad J.	Milwaukee	WI		
Francis; Roshy James	Waukesha	WI		
Fernandez; Gabriel	Menomonee Falls	WI		
Radick; Mark T.	Muskego	WI		

US-CL-CURRENT: 378/4; 378/901, 382/131

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequence	Attachments	Claims	PMC	Draw D
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☐ 5. Document ID: US 6484048 B1

L63: Entry 5 of 5

File: USPT

Nov 19, 2002

US-PAT-NO: 6484048

DOCUMENT-IDENTIFIER: US 6484048 B1

TITLE: Real-time interactive three-dimensional locating and displaying system

DATE-ISSUED: November 19, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hoshino; Tsutomu	Pacifica	CA		
Kuhara; Shigehide	Otawara			JP
Makita; Junichi	Tokyo			JP

US-CL-CURRENT: 600/410; 345/419, 382/128, 600/414, 600/424

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	Drawings
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Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs	Generate OACS
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Term	Documents
"ON THE FLY"	0
ON-THE-FLY	8749
ON-THE-FLIES	0
ON-THE-FLYS	0
TRAIN	311599
TRAINS	83510
SEQUENCE	1239681
SEQUENCES	330253
DYNAMIC\$5	0
DYNAMIC	554396
DYNAMICA	37
(L62 AND ((DYNAMIC\$5 OR NON-STANDARD\$5 OR "ON THE FLY" OR "ON-THE-FLY") WITH (PULSS\$3 OR TRAIN OR SEQUENCE)))).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	5

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Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs
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Search Results - Record(s) 1 through 2 of 2 returned.

☐ 1. Document ID: US 6801037 B1

Using default format because multiple data bases are involved.

L64: Entry 1 of 2

File: USPT

Oct 5, 2004

US-PAT-NO: 6801037

DOCUMENT-IDENTIFIER: US 6801037 B1

TITLE: Dynamic real-time magnetic resonance imaging sequence designer

DATE-ISSUED: October 5, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Zhang; Guoping	Forest Hill	NY		

US-CL-CURRENT: 324/309; 324/318, 600/416

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	DOC	Draw D
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☐ 2. Document ID: US 6484048 B1

L64: Entry 2 of 2

File: USPT

Nov 19, 2002

US-PAT-NO: 6484048

DOCUMENT-IDENTIFIER: US 6484048 B1

TITLE: Real-time interactive three-dimensional locating and displaying system

DATE-ISSUED: November 19, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hoshino; Tsutomu	Pacifica	CA		
Kuhara; Shigehide	Otawara			JP
Makita; Junichi	Tokyo			JP

US-CL-CURRENT: 600/410; 345/419, 382/128, 600/414, 600/424

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	DOC	Draw D
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Clear

Generate Collection

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Fwd Refs

Bkwd Refs

Generate OACS

Term	Documents
IMAGE	2629753
IMAGES	631454
GRAPH	459789
GRAPHS	119399
REPRESENTATION	585944
REPRESENTATIONS	127735
"FEED BACK\$3"	0
REAL	508523
REALS	416
TIME	7265358
TIMES	2373324
(L63 AND ((VISUAL\$2 OR GRAPHIC\$4 OR IMAGE OR GRAPH) WITH (REPRESENT\$3 OR REPRESENTATION OR FEEDBACK\$3 OR FEED-BACK\$3 OR "FEED BACK\$3") WITH ((REAL OR ACTUAL\$2) WITH (TIME)))).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	2

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[Previous Page](#)[Next Page](#)[Go to Doc#](#)

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Generate OACS				

Search Results - Record(s) 1 through 4 of 4 returned.

☐ 1. Document ID: US 20030032951 A1

Using default format because multiple data bases are involved.

L65: Entry 1 of 4

File: PGPB

Feb 13, 2003

PGPUB-DOCUMENT-NUMBER: 20030032951

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030032951 A1

TITLE: Method and system for menu-driven two-dimensional display lesion generator

PUBLICATION-DATE: February 13, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Rittman, William J. III	Lynnfield	MA	US	
Yin, Way	Bellingham	WA	US	
Cosman, Eric R. JR.	Belmont	MA	US	
Cosman, Eric R.	Belmont	MA	US	

US-CL-CURRENT: 606/34; 606/41

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Drawings
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☐ 2. Document ID: US 6801037 B1

L65: Entry 2 of 4

File: USPT

Oct 5, 2004

US-PAT-NO: 6801037

DOCUMENT-IDENTIFIER: US 6801037 B1

TITLE: Dynamic real-time magnetic resonance imaging sequence designer

DATE-ISSUED: October 5, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Zhang; Guoping	Forest Hill	NY		

US-CL-CURRENT: 324/309; 324/318, 600/416

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Drawings
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☐ 3. Document ID: US 6484048 B1

L65: Entry 3 of 4

File: USPT

Nov 19, 2002

US-PAT-NO: 6484048

DOCUMENT-IDENTIFIER: US 6484048 B1

TITLE: Real-time interactive three-dimensional locating and displaying system

DATE-ISSUED: November 19, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hoshino; Tsutomu	Pacifica	CA		
Kuhara; Shigehide	Otawara			JP
Makita; Junichi	Tokyo			JP

US-CL-CURRENT: 600/410; 345/419, 382/128, 600/414, 600/424

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	Keywords	Drawings
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☐ 4. Document ID: US 6451015 B1

L65: Entry 4 of 4

File: USPT

Sep 17, 2002

US-PAT-NO: 6451015

DOCUMENT-IDENTIFIER: US 6451015 B1

TITLE: Method and system for menu-driven two-dimensional display lesion generator

DATE-ISSUED: September 17, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Rittman, III; William J.	Lynnfield	MA		
Yin; Way	Bellingham	WA		
Cosman, Jr.; Eric R.	Belmont	MA		
Cosman; Eric R.	Belmont	MA		

US-CL-CURRENT: 606/34; 600/523, 606/41

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	Keywords	Drawings
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Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs	Generate OACS
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Term	Documents
IMAGE	2629753

IMAGES	631454
GRAPH	459789
GRAPHS	119399
REPRESENTATION	585944
REPRESENTATIONS	127735
"FEED BACK\$3"	0
REAL	508523
REALS	416
TIME	7265358
TIMES	2373324
(L62 AND ((VISUAL\$2 OR GRAPHIC\$4 OR IMAGE OR GRAPH) WITH (REPRESENT\$3 OR REPRESENTATION OR FEEDBACK\$3 OR FEED-BACK\$3 OR "FEED BACK\$3") WITH ((REAL OR ACTUAL\$2) WITH TIME))).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	4

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Display Format:

[Previous Page](#)

[Next Page](#)

[Go to Doc#](#)

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Search Results - Record(s) 1 through 1 of 1 returned.

☐ 1. Document ID: US 6801037 B1

Using default format because multiple data bases are involved.

L66: Entry 1 of 1

File: USPT

Oct 5, 2004

US-PAT-NO: 6801037

DOCUMENT-IDENTIFIER: US 6801037 B1

TITLE: Dynamic real-time magnetic resonance imaging sequence designer

DATE-ISSUED: October 5, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Zhang; Guoping	Forest Hill	NY		

US-CL-CURRENT: 324/309; 324/318, 600/416

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	INTL	Draw. U.
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Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs	Generate OACS
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Term	Documents
IMAGE	2629753
IMAGES	631454
GRAPH	459789
GRAPHS	119399
REPRESENTATION	585944
REPRESENTATIONS	127735
"FEED BACK\$3"	0
REAL	508523
REALS	416
TIME	7265358
TIMES	2373324
(L65 AND ((VISUAL\$2 OR GRAPHIC\$4 OR IMAGE OR GRAPH) WITH (REPRESENT\$3 OR REPRESENTATION OR	

FEEDBACK\$3 OR FEED-BACK\$3 OR "FEED BACK\$3") WITH ((REAL OR ACTUAL\$2) WITH TIME) WITH (PULS\$3 OR TRAIN OR SEQUENCE))).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	1
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Change Format

[Previous Page](#)

[Next Page](#)

[Go to Doc#](#)

Hit List

Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs
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Search Results - Record(s) 1 through 23 of 23 returned.

☐ 1. Document ID: US 20050156873 A1

Using default format because multiple data bases are involved.

L70: Entry 1 of 23

File: PGPB

Jul 21, 2005

PGPUB-DOCUMENT-NUMBER: 20050156873

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050156873 A1

TITLE: Custom emoticons

PUBLICATION-DATE: July 21, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Walter, Bettina	Kirkland	WA	US	
von Seelen Thorsen, Jens Martin	Redmond	WA	US	

US-CL-CURRENT: 345/156

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 2. Document ID: US 20050021245 A1

L70: Entry 2 of 23

File: PGPB

Jan 27, 2005

PGPUB-DOCUMENT-NUMBER: 20050021245

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050021245 A1

TITLE: Information providing system of construction machine and information providing method of construction machine

PUBLICATION-DATE: January 27, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Furuno, Yoshinori	Tsuchiura-shi		JP	
Matsuda, Fujio	Nagareyama-shi		JP	
Ikari, Takanobu	Tsuchiura-shi		JP	
Akino, Shinji	Ushiku-shi		JP	
Ohwada, Yoshinori	Ibaraki-ken		JP	

Watanabe, Hiroshi	Ushiku-shi	JP
Eguchi, Yoshinori	Tsuchiura-shi	JP
Adachi, Hiroyuki	Ibaraki-ken	JP

US-CL-CURRENT: 702/33; 705/8

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Draw D
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☐ 3. Document ID: US 20040061773 A1

L70: Entry 3 of 23

File: PGPB

Apr 1, 2004

PGPUB-DOCUMENT-NUMBER: 20040061773
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040061773 A1

TITLE: IMAGE TRANSCIVING TELEPHONE WITH INTEGRATED DIGITAL CAMERA

PUBLICATION-DATE: April 1, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Liu, Jianxin	Fremont	CA	US	

US-CL-CURRENT: 348/14.02; 348/14.13

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Draw D
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☐ 4. Document ID: US 20030105561 A1

L70: Entry 4 of 23

File: PGPB

Jun 5, 2003

PGPUB-DOCUMENT-NUMBER: 20030105561
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030105561 A1

TITLE: Method of optimizing train operation and training

PUBLICATION-DATE: June 5, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Nickles, Stephen K.	Burleson	TX	US	
Hawthorne, Michael J.	Arlington	TX	US	
Haley, John E.	Burleson	TX	US	

US-CL-CURRENT: 701/19; 246/187R, 701/20

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Draw D
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☐ 5. Document ID: US 20030009274 A1

L70: Entry 5 of 23

File: PGPB

Jan 9, 2003

PGPUB-DOCUMENT-NUMBER: 20030009274

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030009274 A1

TITLE: METHOD OF DETERMINING MAXIMUM SERVICE BRAKE REDUCTION

PUBLICATION-DATE: January 9, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Peterson, Edmund R. JR.	Leesburg	FL	US	
Hawthorne, Michael J.	Watertown	NY	US	

US-CL-CURRENT: 701/70; 701/19

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	FIGS	Draw D
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☐ 6. Document ID: US 20010029411 A1

L70: Entry 6 of 23

File: PGPB

Oct 11, 2001

PGPUB-DOCUMENT-NUMBER: 20010029411

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20010029411 A1

TITLE: Method of optimizing train operation and training

PUBLICATION-DATE: October 11, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Hawthorne, Michael J.	Watertown	NY	US	

US-CL-CURRENT: 701/19

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	FIGS	Draw D
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☐ 7. Document ID: US 6801037 B1

L70: Entry 7 of 23

File: USPT

Oct 5, 2004

US-PAT-NO: 6801037

DOCUMENT-IDENTIFIER: US 6801037 B1

TITLE: Dynamic real-time magnetic resonance imaging sequence designer

DATE-ISSUED: October 5, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Zhang; Guoping	Forest Hill	NY		

US-CL-CURRENT: 324/309; 324/318, 600/416

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 8. Document ID: US 6763345 B1

L70: Entry 8 of 23

File: USPT

Jul 13, 2004

US-PAT-NO: 6763345

DOCUMENT-IDENTIFIER: US 6763345 B1

TITLE: List building system

DATE-ISSUED: July 13, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hempleman; James D.	Chicago	IL		
Hempleman; Sandra M.	Chicago	IL		
Schneider; Neil A.	Lake Zurich	IL		

US-CL-CURRENT: 707/1; 715/526, 715/530, 84/601, 84/645

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 9. Document ID: US 6724416 B1

L70: Entry 9 of 23

File: USPT

Apr 20, 2004

US-PAT-NO: 6724416

DOCUMENT-IDENTIFIER: US 6724416 B1

TITLE: Image transceiving telephone with integrated digital camera

DATE-ISSUED: April 20, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Liu; Jianxin	Fremont	CA	94536	

US-CL-CURRENT: 348/14.02; 348/14.01, 348/14.13

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 10. Document ID: US 6622068 B2

L70: Entry 10 of 23

File: USPT

Sep 16, 2003

US-PAT-NO: 6622068

DOCUMENT-IDENTIFIER: US 6622068 B2

TITLE: Method of optimizing train operation and training

DATE-ISSUED: September 16, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hawthorne; Michael J.	Watertown	NY		

US-CL-CURRENT: 701/19; 235/375, 340/5.1, 340/5.2

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	FOIC	Draw. C.
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☐ 11. Document ID: US 6587764 B2

L70: Entry 11 of 23

File: USPT

Jul 1, 2003

US-PAT-NO: 6587764

DOCUMENT-IDENTIFIER: US 6587764 B2

TITLE: Method of optimizing train operation and training

DATE-ISSUED: July 1, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Nickles; Stephen K.	Burleson	TX		
Hawthorne; Michael J.	Arlington	TX		
Haley; John E.	Burleson	TX		

US-CL-CURRENT: 701/19; 701/20

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	FOIC	Draw. C.
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☐ 12. Document ID: US 6487488 B1

L70: Entry 12 of 23

File: USPT

Nov 26, 2002

US-PAT-NO: 6487488

DOCUMENT-IDENTIFIER: US 6487488 B1

TITLE: Method of determining maximum service brake reduction

DATE-ISSUED: November 26, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Peterson, Jr.; Edmund R.	Leesburg	FL		
Hawthorne; Michael J.	Watertown	NY		

US-CL-CURRENT: 701/70; 246/182A, 246/182R, 303/32, 303/33, 701/19

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 13. Document ID: US 6263266 B1

L70: Entry 13 of 23

File: USPT

Jul 17, 2001

US-PAT-NO: 6263266

DOCUMENT-IDENTIFIER: US 6263266 B1

**** See image for Certificate of Correction ****

TITLE: Method of optimizing train operation and training

DATE-ISSUED: July 17, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hawthorne; Michael J.	Watertown	NY		

US-CL-CURRENT: 701/19; 246/1R, 434/29, 701/20

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 14. Document ID: US 6243725 B1

L70: Entry 14 of 23

File: USPT

Jun 5, 2001

US-PAT-NO: 6243725

DOCUMENT-IDENTIFIER: US 6243725 B1

**** See image for Certificate of Correction ****

TITLE: List building system

DATE-ISSUED: June 5, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hempleman; James D.	Chicago	IL		
Hempleman; Sandra M.	Chicago	IL		
Schneider; Neil A.	Lake Zurich	IL		

US-CL-CURRENT: 715/530; 84/601, 84/645

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 15. Document ID: US 6219595 B1

L70: Entry 15 of 23

File: USPT

Apr 17, 2001

US-PAT-NO: 6219595

DOCUMENT-IDENTIFIER: US 6219595 B1

TITLE: Method of minimizing undesirable brake release

DATE-ISSUED: April 17, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Nickles; Stephen K.	Burleson	TX		
Hawthorne; Michael J.	Watertown	NY		
Foster; C. Mackay	Burleson	TX		

US-CL-CURRENT: 701/19; 246/167R, 246/182B, 303/122.15, 701/76

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 16. Document ID: US 6144901 A

L70: Entry 16 of 23

File: USPT

Nov 7, 2000

US-PAT-NO: 6144901

DOCUMENT-IDENTIFIER: US 6144901 A

** See image for Certificate of Correction **

TITLE: Method of optimizing train operation and training

DATE-ISSUED: November 7, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Nickles; Stephen K.	Burleson	TX		
Hawthorne; Michael J.	Watertown	NY		
Haley; John E.	Burleson	TX		
McLaughlin; Bryan M.	Watertown	NY		
Beck; Marshall G.	Pineview	NY		

US-CL-CURRENT: 701/19; 701/20

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 17. Document ID: US 6144385 A

L70: Entry 17 of 23

File: USPT

Nov 7, 2000

US-PAT-NO: 6144385

DOCUMENT-IDENTIFIER: US 6144385 A

TITLE: Step-driven character animation derived from animation data without footstep information

DATE-ISSUED: November 7, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Girard; Michael	Palo Alto	CA		

US-CL-CURRENT: 345/424; 345/473

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	Know	Draw D
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☐ 18. Document ID: US 5851186 A

L70: Entry 18 of 23

File: USPT

Dec 22, 1998

US-PAT-NO: 5851186

DOCUMENT-IDENTIFIER: US 5851186 A

TITLE: Ultrasonic diagnostic imaging system with universal access to diagnostic information and images

DATE-ISSUED: December 22, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Wood; Michael A.	Bothell	WA		
Roncalez; Pascal	Bellevue	WA		
Pflugrath; Lauren S.	Seattle	WA		
Souquet; Jacques	Issaquah	WA		

US-CL-CURRENT: 600/437

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	Know	Draw D
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☐ 19. Document ID: US 5731821 A

L70: Entry 19 of 23

File: USPT

Mar 24, 1998

US-PAT-NO: 5731821

DOCUMENT-IDENTIFIER: US 5731821 A

TITLE: Computer user interface for step-driven character animation

DATE-ISSUED: March 24, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Girard; Michael	Palo Alto	CA	94303	

US-CL-CURRENT: 345/474

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 20. Document ID: US 5715823 A

L70: Entry 20 of 23

File: USPT

Feb 10, 1998

US-PAT-NO: 5715823

DOCUMENT-IDENTIFIER: US 5715823 A

TITLE: Ultrasonic diagnostic imaging system with universal access to diagnostic information and images

DATE-ISSUED: February 10, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Wood; Michael A.	Bothell	WA		
Roncalez; Pascal	Bellevue	WA		
Pflugrath; Lauren S.	Seattle	WA		
Souquet; Jacques	Issaquah	WA		

US-CL-CURRENT: 600/437; 128/904

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 21. Document ID: US 5594856 A

L70: Entry 21 of 23

File: USPT

Jan 14, 1997

US-PAT-NO: 5594856

DOCUMENT-IDENTIFIER: US 5594856 A

TITLE: Computer user interface for step-driven character animation

DATE-ISSUED: January 14, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Girard; Michael	Palo Alto	CA	94303	

US-CL-CURRENT: 345/473; 345/474

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 22. Document ID: US 5335339 A

L70: Entry 22 of 23

File: USPT

Aug 2, 1994

US-PAT-NO: 5335339

DOCUMENT-IDENTIFIER: US 5335339 A

**** See image for Certificate of Correction ****

TITLE: Equipment and method for interactive testing and simulating of a
specification of a network system

DATE-ISSUED: August 2, 1994

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Maejima; Yukihito	Yokohama			JP
Ohtsubo; Toko	Yokohama			JP
Masui; Mitsuyuki	Yokosuka			JP
Abe; Noriyuki	Ishikawa			JP
Yuura; Katsuhiko	Kodaira			JP
Mochizuki; Kenji	Yokohama			JP

US-CL-CURRENT: 703/21

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	FIGS	Draw D.
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☐ 23. Document ID: US 5046022 A

L70: Entry 23 of 23

File: USPT

Sep 3, 1991

US-PAT-NO: 5046022

DOCUMENT-IDENTIFIER: US 5046022 A

**** See image for Certificate of Correction ****

TITLE: Tele-autonomous system and method employing time/position
synchrony/desynchrony

DATE-ISSUED: September 3, 1991

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Conway; Lynn A.	Ann Arbor	MI		
Volz; Richard A.	Saline	MI		
Walker; Michael W.	Ann Arbor	MI		

US-CL-CURRENT: 700/250; 700/264, 901/50

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	FIGS	Draw D.
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Clear

Generate Collection

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Generate OACS

Term	Documents
IMAGE	2629753
IMAGES	631454
GRAPH	459789
GRAPHS	119399
REPRESENTATION	585944
REPRESENTATIONS	127735
"FEED BACK\$3"	0
TRAIN	311599
TRAINS	83510
SEQUENCE	1239681
SEQUENCES	330253
(L59 AND ((VISUAL\$2 OR GRAPHIC\$4 OR IMAGE OR GRAPH) WITH (REPRESENT\$3 OR REPRESENTATION OR FEEDBACK\$3 OR FEED-BACK\$3 OR "FEED BACK\$3") WITH (PULS\$3 OR TRAIN OR SEQUENCE) WITH ((REAL OR ACTUAL\$2) WITH TIME)))) .PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	23

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Search Results - Record(s) 1 through 1 of 1 returned.

☐ 1. Document ID: US 6801037 B1

Using default format because multiple data bases are involved.

L71: Entry 1 of 1

File: USPT

Oct 5, 2004

US-PAT-NO: 6801037

DOCUMENT-IDENTIFIER: US 6801037 B1

TITLE: Dynamic real-time magnetic resonance imaging sequence designer

DATE-ISSUED: October 5, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Zhang; Guoping	Forest Hill	NY		

US-CL-CURRENT: 324/309; 324/318, 600/416

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	Draw	Draw
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Term	Documents
MAGNETIC	1539831
MAGNETICS	13624
RESONANCE	308301
RESONANCES	18016
MRI	29621
MRIS	425
NMR	152643
NMRS	259
(70 AND (MRI OR (MAGNETIC ADJ RESONANCE) OR NMR)).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	1
(L70 AND ((MAGNETIC ADJ RESONANCE) OR MRI OR NMR)).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	1

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Generate OACS				

Search Results - Record(s) 1 through 12 of 12 returned.

☐ 1. Document ID: US 20030028118 A1

Using default format because multiple data bases are involved.

L47: Entry 1 of 12

File: PGPB

Feb 6, 2003

PGPUB-DOCUMENT-NUMBER: 20030028118

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030028118 A1

TITLE: Interactive systems and methods for controlling the use of diagnostic or therapeutic instruments in interior body regions

PUBLICATION-DATE: February 6, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Dupree, Daniel A.	Saratoga	CA	US	
Nguyen, Tuan	Austin	TX	US	
Panescu, Dorin	San Jose	CA	US	
Whayne, James G.	San Jose	CA	US	
McGee, David	Sunnyvale	CA	US	
Swanson, David K.	Campbell	CA	US	

US-CL-CURRENT: 600/509

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	IPC	Drawings
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☐ 2. Document ID: US 20020115941 A1

L47: Entry 2 of 12

File: PGPB

Aug 22, 2002

PGPUB-DOCUMENT-NUMBER: 20020115941

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020115941 A1

TITLE: Systems and methods using annotated images for controlling the use of diagnostic or therapeutic instruments in interior body regions

PUBLICATION-DATE: August 22, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
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Whayne, James G.	Saratoga	CA	US
Swanson, David K.	Mountain View	CA	US
Panescu, Dorin	Sunnyvale	CA	US
Dupree, Daniel A.	Saratoga	CA	US

US-CL-CURRENT: 600/523; 600/374, 702/68, 707/102

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	FIG	Draw
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☐ 3. Document ID: US 20010044585 A1

L47: Entry 3 of 12

File: PGPB

Nov 22, 2001

PGPUB-DOCUMENT-NUMBER: 20010044585
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20010044585 A1

TITLE: Interactive systems and methods for controlling the use of diagnostic or therapeutic instruments in interior body regions

PUBLICATION-DATE: November 22, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Dupree, Daniel A.	Saratoga	CA	US	
Nguyen, Tuan	Austin	TX	US	
Panescu, Dorin	San Jose	CA	US	
Whayne, James G.	San Jose	CA	US	
McGee, David	Sunnyvale	CA	US	
Swanson, David K.	Campbell	CA	US	

US-CL-CURRENT: 600/509

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	FIG	Draw
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☐ 4. Document ID: US 6801037 B1

L47: Entry 4 of 12

File: USPT

Oct 5, 2004

US-PAT-NO: 6801037
DOCUMENT-IDENTIFIER: US 6801037 B1

TITLE: Dynamic real-time magnetic resonance imaging sequence designer

DATE-ISSUED: October 5, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Zhang; Guoping	Forest Hill	NY		

US-CL-CURRENT: 324/309; 324/318, 600/416

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	FIGS	Draw D
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☐ 5. Document ID: US 6788969 B2

L47: Entry 5 of 12

File: USPT

Sep 7, 2004

US-PAT-NO: 6788969

DOCUMENT-IDENTIFIER: US 6788969 B2

TITLE: Interactive systems and methods for controlling the use of diagnostic or therapeutic instruments in interior body regions

DATE-ISSUED: September 7, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Dupree; Daniel A.	Saratoga	CA		
Nguyen; Tuan	Austin	TX		
Panescu; Dorin	San Jose	CA		
Whayne; James G.	San Jose	CA		
McGee; David	Sunnyvale	CA		
Swanson; David K.	Campbell	CA		

US-CL-CURRENT: 600/509; 600/523

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	FIGS	Draw D
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☐ 6. Document ID: US 6542773 B2

L47: Entry 6 of 12

File: USPT

Apr 1, 2003

US-PAT-NO: 6542773

DOCUMENT-IDENTIFIER: US 6542773 B2

TITLE: Interactive systems and methods for controlling the use of diagnostic or therapeutic instruments in interior body regions

DATE-ISSUED: April 1, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Dupree; Daniel A.	Saratoga	CA		
Nguyen; Tuan	Austin	TX		
Panescu; Dorin	San Jose	CA		
Whayne; James G.	San Jose	CA		
McGee; David	Sunnyvale	CA		
Swanson; David K.	Campbell	CA		

US-CL-CURRENT: 600/509

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	FIGS	Draw D.
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☐ 7. Document ID: US 6389311 B1

L47: Entry 7 of 12

File: USPT

May 14, 2002

US-PAT-NO: 6389311

DOCUMENT-IDENTIFIER: US 6389311 B1

TITLE: Systems and methods using annotated images for controlling the use of diagnostic or therapeutic instruments in interior body regions

DATE-ISSUED: May 14, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Whayne; James G.	Saratoga	CA		
Swanson; David K.	Mountain View	CA		
Panescu; Dorin	Sunnyvale	CA		
Dupree; Daniel A.	Saratoga	CA		

US-CL-CURRENT: 600/523

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	FIGS	Draw D.
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☐ 8. Document ID: US 6289239 B1

L47: Entry 8 of 12

File: USPT

Sep 11, 2001

US-PAT-NO: 6289239

DOCUMENT-IDENTIFIER: US 6289239 B1

TITLE: Interactive systems and methods for controlling the use of diagnostic or therapeutic instruments in interior body regions

DATE-ISSUED: September 11, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Panescu; Dorin	Sunnyvale	CA		
McGee; David	Sunnyvale	CA		
Whayne; James G.	Saratoga	CA		
Burnside; Robert R.	Mountain View	CA		
Swanson; David K.	Mountain View	CA		
Dupree; Daniel A.	Saratoga	CA		

US-CL-CURRENT: 600/523

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	IMC	Draw D
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☐ 9. Document ID: US 6192266 B1

L47: Entry 9 of 12

File: USPT

Feb 20, 2001

US-PAT-NO: 6192266

DOCUMENT-IDENTIFIER: US 6192266 B1

**** See image for Certificate of Correction ****

TITLE: Systems and methods for controlling the use of diagnostic or therapeutic instruments in interior body regions using real and idealized images

DATE-ISSUED: February 20, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Dupree; Daniel A.	Saratoga	CA		
Nguyen; Tuan	San Jose	CA		
Panescu; Dorin	Sunnyvale	CA		
Whayne; James G.	Saratoga	CA		

US-CL-CURRENT: 600/427; 600/523

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	IMC	Draw D
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☐ 10. Document ID: US 6115626 A

L47: Entry 10 of 12

File: USPT

Sep 5, 2000

US-PAT-NO: 6115626

DOCUMENT-IDENTIFIER: US 6115626 A

TITLE: Systems and methods using annotated images for controlling the use of diagnostic or therapeutic instruments in instruments in interior body regions

DATE-ISSUED: September 5, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Whayne; James G.	Saratoga	CA		
Swanson; David K.	Mountain View	CA		
Panescu; Dorin	Sunnyvale	CA		
Dupree; Daniel A.	Saratoga	CA		

US-CL-CURRENT: 600/427; 600/523

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	IMC	Draw D
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☐ 11. Document ID: US 6106460 A

L47: Entry 11 of 12

File: USPT

Aug 22, 2000

US-PAT-NO: 6106460

DOCUMENT-IDENTIFIER: US 6106460 A

TITLE: Interface for controlling the display of images of diagnostic or therapeutic instruments in interior body regions and related data

DATE-ISSUED: August 22, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Panescu; Dorin	Sunnyvale	CA		
McGee; David	Sunnyvale	CA		
Whayne; James G.	Saratoga	CA		
Burnside; Robert R.	Mountain View	CA		
Swanson; David K.	Mountain View	CA		
Dupree; Daniel A.	Saratoga	CA		

US-CL-CURRENT: 600/300

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	FIGS	Drawings
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☐ 12. Document ID: US 6014581 A

L47: Entry 12 of 12

File: USPT

Jan 11, 2000

US-PAT-NO: 6014581

DOCUMENT-IDENTIFIER: US 6014581 A

TITLE: Interface for performing a diagnostic or therapeutic procedure on heart tissue with an electrode structure

DATE-ISSUED: January 11, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Whayne; James G.	Saratoga	CA		
Panescu; Dorin	Sunnyvale	CA		
McGee; David	Sunnyvale	CA		
Dupree; Daniel A.	Saratoga	CA		
Swanson; David K.	Mountain View	CA		
Nguyen; Tuan	San Jose	CA		

US-CL-CURRENT: 600/523

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	FIGS	Drawings
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Term	Documents
REAL	474884
REALS	220
TIME	6083402
TIMES	1921050
DYNAMIC\$5	0
DYNAMIC	527108
DYNAMICA	15
DYNAMICABLY	1
DYNAMICAILY	1
DYNAMICAIRE	1
DYNAMICAL	4830
(L46 AND (DYNAMIC\$5 OR NON-STANDARD\$5 OR (REAL WITH TIME))).USPT,PGPB,JPAB,EPAB,DWPI,TDBD.	12

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Search Results - Record(s) 1 through 1 of 1 returned.

☐ 1. Document ID: US 6801037 B1

Using default format because multiple data bases are involved.

L48: Entry 1 of 1

File: USPT

Oct 5, 2004

US-PAT-NO: 6801037

DOCUMENT-IDENTIFIER: US 6801037 B1

TITLE: Dynamic real-time magnetic resonance imaging sequence designer

DATE-ISSUED: October 5, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Zhang; Guoping	Forest Hill	NY		

US-CL-CURRENT: 324/309; 324/318, 600/416

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	EMC	Draw. D.
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Term	Documents
DYNAMIC\$5	0
DYNAMIC	527108
DYNAMICA	15
DYNAMICABLY	1
DYNAMICALLY	1
DYNAMICAIRE	1
DYNAMICAL	4830
DYNAMICALIV	7
DYNAMICALIY	3
DYNAMICALL	4
DYNAMICALLA	1
(L47 AND (DYNAMIC\$5 OR NON-STANDARD\$5)).USPT,PGPB,JPAB,EPAB,DWPI,TDBD.	1

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Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs
Generate OACS				

Search Results - Record(s) 1 through 1 of 1 returned.

☐ 1. Document ID: US 6801037 B1

Using default format because multiple data bases are involved.

L49: Entry 1 of 1

File: USPT

Oct 5, 2004

US-PAT-NO: 6801037

DOCUMENT-IDENTIFIER: US 6801037 B1

TITLE: Dynamic real-time magnetic resonance imaging sequence designer

DATE-ISSUED: October 5, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Zhang; Guoping	Forest Hill	NY		

US-CL-CURRENT: 324/309; 324/318, 600/416

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	Draw	Draw
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Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs	Generate OACS
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Term	Documents
"ON THE FLY"	0
ON-THE-FLY	8632
ON-THE-FLIES	0
ON-THE-FLYS	0
DYNAMIC\$5	0
DYNAMIC	527108
DYNAMICA	15
DYNAMICABLY	1
DYNAMICAILY	1
DYNAMICAIRE	1
DYNAMICAL	4830
(L47 AND (DYNAMIC\$5 OR NON-STANDARD\$5 OR "ON THE FLY" OR "ON-THE-	1

FLY"))).PGPB,USPT,EPAB,JPAB,DWPI,TDBD.

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